

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:
receiving a request for a data stream from a client;
sampling the data stream;
generating one or more fingerprint blocks for one or more sampled portions of the
data stream;
transmitting the one or more fingerprint blocks to the client via a first connection;
and
~~on-demand~~ transmitting the data stream on-demand to the client via a second
connection, wherein the on-demand transmitting of the data stream
includes ~~one of~~ simultaneous transmission ~~and or~~ delayed transmission
according to a demand.
2. (Original) The method of claim 1, comprising sending to the client parameters for
sampling the data stream.
3. (Original) The method of claim 1, wherein generating one or more fingerprint
blocks comprises generating cyclic redundancy check (CRC) values for the one or
more sampled portions of the data stream.
4. (Currently Amended) A method comprising:
requesting a data stream by a client from a server;
receiving a first set of fingerprint blocks at the client from the server via a first
connection;
~~on-demand~~ receiving the data stream on-demand at the client from the server via a
second connection, wherein the on-demand receiving of the data stream

includes ~~one of~~ simultaneous reception ~~and or~~ delayed reception according to a demand;

sampling the data stream at the client;

generating a second set of fingerprint blocks for one or more sampled portions of the data stream at the client; and

comparing the second set of fingerprint blocks to the first set of fingerprint blocks.

5. (Previously Presented) The method of claim 4, wherein the first connection comprises an out-of-band connection and the second connection comprises a primary data connection.
6. (Previously Presented) The method of claim 4, comprising generating an error message at the client if the second set of fingerprint blocks do not match the first set of fingerprint blocks.
7. (Previously Presented) The method of claim 6, further comprising transmitting the error message to the server.
8. (Previously Presented) The method of claim 4, further comprising transmitting a valid status message to the server from the client if the second set of fingerprint blocks match the first set of fingerprint.
9. (Currently Amended) A method comprising:
 - requesting a data stream from a server by a client;
 - sampling the data stream at the server;
 - generating a first set of fingerprint blocks for one or more sampled portions of the data stream at the server;
 - transmitting the first set of fingerprint blocks to the client via a first connection;

~~on-demand~~ transmitting the data stream on-demand from the server to the client

via a second connection, wherein the on-demand transmitting of the data

stream includes ~~one of~~ simultaneous transmission ~~and or~~ delayed

transmission according to a demand;

receiving the first set of fingerprint blocks at the client via the first connection;

receiving the data stream by the client via the second connection;

sampling the data stream at the client;

generating a second set of fingerprint blocks for one or more sampled portions of

the data stream at the client; and

comparing the second set of fingerprint blocks to the first set of fingerprint

blocks.

10. (Previously Presented) The method of claim 9, wherein the first connection comprises an out-of-band connection and the second connection comprises a primary data connection.
11. (Previously Presented) The method of claim 9, comprising communicating an error message to the server from the client if a threshold percentage of the second set of fingerprint blocks the first set of fingerprint blocks.
12. (Cancelled)
13. (Previously Presented) The method of claim 9, wherein generating the first set of fingerprint blocks at the server comprises generating cyclic redundancy check (CRC) values for one or more sampled portions of the data stream.
14. (Previously Presented) The method of claim 9, further comprising:

communicating a valid status message from the client to the server if a threshold percentage of the second set of fingerprint blocks match the first set of fingerprint blocks; and
generating an error message at the server if the valid status message is not received in a predetermined amount of time.

Claims 15-18 (Cancelled)

19. (Currently Amended) A client comprising:
a processor; and
a memory coupled to said processor having stored therein a set of instructions to cause said processor to:
receive a first set of fingerprint blocks from the server via a first connection,
~~on-demand~~ receive the data stream on-demand at the client via a second connection, wherein the on-demand receiving of the data stream includes ~~one of~~ simultaneous reception ~~and or~~ delayed reception according to a demand,
sample the data stream at the client,
generate a second set of fingerprint blocks for one or more sampled portions of the data stream at the client, and
compare the second set of fingerprint blocks to the first set of fingerprint blocks.
20. (Previously Presented) The client of claim 19, wherein the first connection comprises an out-of-band connection and the second connection comprises a primary data connection.

21. (Previously Presented) The client of claim 19, wherein the set of instructions comprises instructions to cause the processor to communicate an error message to the server if the second set of fingerprint blocks generated at the client does not match the first set of fingerprint blocks generated at the server.
22. (Previously Presented) The client of claim 19, wherein the set of instructions comprises instructions to cause the processor to communicate a valid status message to the server if the second set of fingerprint blocks generated at the client match the first set of fingerprint blocks generated at the server.

Claims 23–27 (Cancelled)

28. (Currently Amended) A machine readable medium having stored thereon data representing sets of instructions which, when executed by a machine, cause the machine to:
- receive a request for a data stream from a client;
- sample the data stream;
- generating one or more fingerprint blocks for one or more sampled portions of the data stream;
- transmit the one or more fingerprint blocks to the client via a first connection; and
- ~~on-demand~~ transmit the data stream on-demand to the client via a second connection, wherein the on-demand transmitting of the data stream includes ~~one of simultaneous transmission and delayed transmission~~ according to a demand.
29. (Previously Presented) The machine readable medium of claim 28, wherein the sets of instructions when executed by the machine, further cause the machine to

generate one or more fingerprint blocks by generating cyclic redundancy check (CRC) values for the one or more sampled portions of the data stream.

30. (Previously Presented) The machine readable medium of claim 28, wherein the sets of instructions when executed by the machine, further cause the machine to send to the client parameters for sampling the data stream.